ORIGINAL (Red)

FILE CHECK-UP OF AVAILABLE DOCUMENTS 22 DECEMBER 1982

NAME OF SITE : CITY ICE LANDFILL, PARKERSURG, WVa.
EPA REG III No. : WV-34
TDD No. :F3-8005-35
TASK DESCRIPTION : PA w letter rpt.
TDD SIGNED BY : EPA:YES/NO DATE: 5/23/80 E&E:YES/NO DATE: 5/27/80
ON ONE TDD:YES/NO TDD NOT TRACED IN FILE

ORIGINAL REPORT ✓ : PA of City Ice LF SIGNED:YES/NO

PHOTOGRAPHS ✓ :DESCRIPTION:AVAIL./NOT AVAIL. DATED:YES/NO
NAME OF THE PHOTOGRAPHER:AVAIL./NOT AVAIL.
SIGNED:YES/NO NEGS. IN FILE:YES/NO

CONSENT TO ENTER DOC.:SEPARATE-SIGNED DOC. INCORPORATED W/PERMISSION FOR SAMPLING
NOT AVAILABLE

QC/QA DOCUMENTS : AVAILABLE/NOT AVAILABLE

SITE SAFETY PLAN :SEPARATE-SIGNED DOCUMENT DATE:
WITHIN SAMPLING STRATEGY SIGNED:YES/NO
~~NOTHING IN THE FILE~~
NOT NECESSARY

INVENTOTY SHEET :AVAILABLE/NOT AVAILABLE

SUMMARY/COMMENTS

Some additional photographs in the file did not contain descriptions or name of photographer.

INSTRUCTIONS TO THE PREPARER:PLEASE CIRCLE APPRORIATE ANSWER IN MULTIPLE CHOICES.

NAME & SIGNATURE OF PREPARER DATE

LR Lasky 12/22/82
LR Lasky

INVENTORY SHEET
of

CITY ICE, LANDFILL

ORIGINAL
(Red)

TDD No. F3-8005-35

EPA No. UV-34

F3-8005-35-1	Dumpsite Summary sheet
F3-8005-35-2	Report to DPO (VII sections)
F3-8005-35-3	Extra Photos
F3-8005-35-4	Notes.
F3-8005-35-5	TDD
F3-8005-35-6	PA Form (4pp)
F3-8005-35-7	PH WSL
F3-8005-35-8	Eckhardt Printout
F3-8005-35-5A	Copy of 8005-35-5
F3-8005-35-6A	Copy of 8005-35-6
F3-8005-35-8A	Copy of 8005-35-8
F3-8005-35-6B	Copy of 8005-35-6
F3-8005-35-7A	PH WSL
F3-8005-35-8B	Copy of 8005-35-8
F3-8005-35-9	Memo: J. Hass from A. Fuscaldo, 6/10/80 (2pp)
F3-8005-35-5B	Copy of 8005-35-5
F3-8005-35-10	TDD
F3-	
F3-	
F3-	
F3-	
F3-	

WV-34

John D. Rockefeller IV
Governor

George E. Pickett, M.D., M.P.H.
Director

State of West Virginia

DEPARTMENT OF HEALTH
CHARLESTON 25305

RMT 1/6/81
Copied for ORIGINAL (Red)

December 30, 1980

Bridget Hofman (3AH30)
R. M. Twitchell (3WA32)
Benjamin A. Lacy (3WA32)
Ronald M. Naman (E&E)
Ecology & Environment, Inc.
8021 Route #130, Pennsauken, N.J. 08110

Mr. Benjamin A. Lacy, P.E.
Ground Water Protection Section
Water Supply Branch
United States Environmental Protection Agency
Region III
6th and Walnut Streets
Philadelphia, PA 19106

RE: Hazardous Waste Site Task Force

Dear Mr. Lacy:

We have reviewed the information submitted in your letter of December 15, 1980, and find that the following sites do not present any problems to ground water supplies in the area. These sites are; WV 18 3 B's Landfill, Parkersburg; WV 33 Shorty Graham Landfill, Parkersburg; WV 34 City Ice Landfill, Parkersburg; WV 36 Lubeck Landfill, Parkersburg.

The remaining three sites which are WV 14 Koppers Forest Products Group, Green Springs; WV 35 Air Products and Chemicals, Parkersburg; and WV 42 Allegheny Bolistics Lab, Short Gap, will be investigated to determine the landfill sites proximity with ground water supplies in those areas and information will be forwarded to you when it is available. If we can provide further information, please contact me.

Sincerely yours,

Victor R. Wilford, P.E.
Section Cheif, Northern Districts
Drinking Water Division

VRW:csk

1800 WASHINGTON STREET, EAST

OFFICE OF ENVIRONMENTAL HEALTH SERVICES
CHARLESTON, WEST VIRGINIA 25305

SIA # WV34

CONTAMINATION POTENTIAL
(MANUAL FOR EVALUATING CONTAMINATION POTENTIAL OF SURFACE IMPOUNDMENTS)

ORIGINAL (Red)

NAME/LOCATION City Ice Landfill - Parkersburg

ADDRESS Jeanette St. 26101

NPDES# _____ SIC _____ LAT. 39°15'35" - LONG. 81°32'30"

THE CONTAMINATION POTENTIAL IS LOW MODERATE HIGH VERY HIGH

NO. OF SITES _____ AGE _____ LINER _____ THICKNESS _____ AREA _____

UNSATURATED ZONE 9D-B WATER QUALITY 5B GROUNDWATER AVAILABILITY 5A-B

HAZARD OF CONTAMINANT 9B TOTAL GROUNDWATER CONTAMINATION POTENTIAL 2B

ENDANGERMENT TO CURRENT WATER SUPPLIES 8B-B MONITORING WELLS _____

QUENCY OF MONITORING _____ SIGNIFICANT CHANGES IN GROUNDWATER _____

ADVERSELY _____

REMARKS:

RSBURG CITY ICE, 825 JEANETTE ST 26101

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1971 TO 1979. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS AND INORGANICS. METHODS OF DISPOSAL INCLUDE REPROCESSING AND/OR RECYCLING.

Reference: Geology and Economic Resources of "the Ohio River Valley in West Virginia", Volume XXII West Virginia Geological Survey (1956).

These sites are underlain by alluvial deposits of sand and gravel. The water table is near the surface and the saturated thickness is approximately 75 feet.

Groundwater flows in the direction of the Little Kanawha River. The water is generally of excellent quality.

There do not appear to be any water supply wells, surface impoundments, or injection wells in the immediate vicinity of any of the sites.

cc: J. Gary Gardner 3AH00
Robert Allen 3AH30
Bruce Smith 3SA30
✓Abraham Ferdas 3EN10
Benjamin A. Lago 3WA32

Prepared By: Jeffrey J. Burke JJB

Date: November 3, 1980

DUMPSITE SUMMARY SHEET

1. Name and location of site: CITY ICE LANDFILL, PARKERSBERG, W.V.

2. EPA Case Number: W.V. 34 ORIGINAL (Red)

3. Status of Site (Active - (Inactive) - Abandoned): _____

4. Circle correct descriptions in parentheses:

   The site (presently - (previously but no longer) - never - unknown)

   (generates - stores - transports - offers for transport - treats -

   (disposes of) hazardous waste.

5. RCRA Section 3010 notification - check status:

   a. A 3010 notification (has - (has not)) been filed

   b. EPA ID Number: _____

   c. Notified as a (generator - TSD facility - both)

6. Describe, or list by four digit numbers shown on RCRA 3010 notification if appropriate, the hazardous wastes handled on site: _____

7. Status of case in dump site program:

   (PS - (PA) - SI - TD - FS - Referral - Filed)

8. Brief summary of potential environmental problems associated with the site:

According to Eckhardt list, alcohols, ethers, esters resins, plasticizers, elastomers and salts were disposed of at the site.

EPA

POTENTIAL HAZARDOUS WASTE SITE LOG

SITE NUMBER

ORIGINAL (Red)

NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or contamination that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.

SITE NAME: CITY ICE 825 JEANETTE ST.

CITY	STATE	ZIP CODE
PARKERSBURG	W.V.	26101

SUMMARY OF POTENTIAL OR KNOWN PROBLEM

ITEM	DATE OF DETERMINATION OR COMPLETION	RESPONSIBLE ORGANIZATION OR INDIVIDUAL (EPA, State, Contractor, Other)	PERSON MAKING ENTRY TO LOG FORM	DATE ENTERED ON LOG (mo,day,yr)
1. IDENTIFICATION OF POTENTIAL PROBLEM	11/1/79	CONG. ECKHARDT	B. SWIREN	11/21/79
PRELIMINARY ASSESSMENT				
APPARENT SERIOUSNESS OF PROBLEM: ☐ HIGH ☐ MEDIUM ☐ LOW ☐ NONE ☑ UNKNOWN				
3. SITE INSPECTION				
4. EPA TENTATIVE DISPOSITION (check appropriate item(s) below)	11/21/79			
☐ a. NO ACTION NEEDED				
☑ b. INVESTIGATIVE ACTION NEEDED		EPA / STATE OF WEST VIRGINIA	B. SWIREN	11/21/79
☐ c. REMEDIAL ACTION NEEDED				
☐ d. ENFORCEMENT ACTION NEEDED				
EPA FINAL STRATEGY DETERMINATION (check appropriate item(s) below)				
☐ a. NO ACTION NEEDED				
☐ b. REMEDIAL ACTION NEEDED				
☐ c. REMEDIAL ACTION NEEDED BUT, NO RESOURCES AVAILABLE				
☐ d. ENFORCEMENT ACTION NEEDED				
☐ (1) CASE DEVELOPMENT PLAN PREPARED				
☐ (2) ENFORCEMENT CASE FILED OR ADMINISTRATIVE ORDER ISSUED				
6. STRATEGY COMPLETED				

EPA Form T2070-1 (10-79)

8005-35-7A

FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES

FIT PROJECT

TASK REPORT TO THE ENVIRONMENTAL PROTECTION AGENCY CONTRACT NO. 68-01-6056

A Preliminary Assessment of
City Ice Landfill
Parkersburg, West Virginia
TDD No. F3-8005-35
EPA No. WV - 34

ecology and environment, inc.

International Specialists in the Environmental Sciences

A Preliminary Assessment of

ORIGINAL (Red)

City Ice Landfill
Parkersburg, West Virginia
TDD No. F3-8005-35
EPA No. WV - 34

Table of Contents

Prepared By

Ecology & Environment, Inc.
Field Investigation Team
Region III

ORIGINAL
(Red)

SECTION I

TDD No. F3-8005-35 EPA No. WV - 34

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION: III | SITE NUMBER (to be assigned by Hq):

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II *(Preliminary Assessment)*. File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

ORIGINAL (Red)

A. SITE NAME: City Ice Landfill

B. STREET *(or other identifier)*: Jeanette & East Streets

C. CITY: Parkersburg

D. STATE: WV

E. ZIP CODE: 26101

F. COUNTY NAME: Wood

G. OWNER/OPERATOR *(if known)*

1. NAME: No owner, it has been sold, developed and built

2. TELEPHONE NUMBER:

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION: Site does not exist anymore. There are buildings and a parking lot on the property.

J. HOW IDENTIFIED *(i.e., citizen's complaints, OSHA citations, etc.)*: Eckhardt List

K. DATE IDENTIFIED *(mo., day, & yr.)*: 11/21/79

L. PRINCIPAL STATE CONTACT

1. NAME: John Northeimer (Water Resources)

2. TELEPHONE NUMBER: 304-348-5935

II. PRELIMINARY ASSESSMENT *(complete this section last)*

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☒ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☒ 1. NO ACTION NEEDED *(no hazard)*

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

☐ 4. SITE INSPECTION NEEDED *(low priority)*

C. PREPARER INFORMATION

1. NAME: Muhammad A. Slam

2. TELEPHONE NUMBER: 609-665-1515

3. DATE *(mo., day, & yr.)*: 10/15/80

III. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE *(Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)*

☒ 2. INACTIVE *(Those sites which no longer receive wastes.)*

☐ 3. OTHER *(specify)*: _____ *(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)*

B. IS GENERATOR ON SITE?

☒ 1. NO ☐ 2. YES *(specify generator's four-digit SIC Code)*: _____

C. AREA OF SITE *(in acres)*: 1 to 2 Acres

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE *(deg.-min.-sec.)*:

2. LONGITUDE *(deg.-min.-sec.)*:

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES *(specify)*: Site consists of commercial buildings and a parking lot.

Continue On Reverse

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Site does not exist anymore. It has been developed and built.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☒ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☐ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify): _____

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT 1700	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE tons	UNIT OF MEASURE	UNIT OF MEASURE
(1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			X (11) OTHER (specify) Alcohols, salts & plasticizers		

V. WASTE RELATED INFORMATION *(continued)*

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE *(place in descending order of hazard).*

Alcohols, ethers, esters, resins, plasticizers, elastomers and salts, as indicated on the Eckhardt List.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

ORIGINAL (Red)

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD *(mark 'X')*	C. ALLEGED INCIDENT *(mark 'X')*	D. DATE OF INCIDENT *(mo., day, yr.)*	E. REMARKS
1. NO HAZARD	X			
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER *(specify)*:				

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT *(specify)*: _____

☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER

☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER

☐ 10. OTHER *(specify)*: _____

B. IN COMPLIANCE?

☐ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO *(list regulation name & number)*: _____

ORIGINAL (Red)

VIII. PAST REGULATORY ACTIONS

☒ A. NONE ☐ B. YES *(summarize below)*

IX. INSPECTION ACTIVITY *(past or on-going)*

☒ A. NONE ☐ B. YES *(complete items 1,2,3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION *(mo., day, & yr.)*	3. PERFORMED BY: *(EPA/State)*	4. DESCRIPTION

X. REMEDIAL ACTIVITY *(past or on-going)*

☐ A. NONE ☐ B. YES *(complete items 1, 2, 3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION *(mo., day, & yr.)*	3. PERFORMED BY: *(EPA/State)*	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment *(Section II)* information on the first page of this form.

SECTION II

CITY ICE LANDFILL
PARKERSBURG, WEST VIRGINIA
TDD NO. F3-8005-35
EPA NO. WV - 34

Summary and Recommendations

Inspection Summary

The site is about one to two acres in area. It has been developed for a number of years, and now consists of a parking lot and commercial buildings. There appears to be no erosion, leachate or runoff problem at the site. No evidence of hazard or contamination was observed.

Recommendations

The problem should be relegated to one of low apparent seriousness. No further action is recommended.

SECTION III

CITY ICE LANDFILL
PARKERSBURG, WEST VIRGINIA
TDD NO. F3-8005-35
EPA NO. WV - 34

Field Trip Report

Introduction

FIT III conducted a site investigation for purposes of completing a Preliminary Assessment at the City Ice Landfill on October 8, 1980. The FIT III team consisted of Messrs. M. Slam and C. K. Lee. The time of the visit was 11:15 a.m. Weather conditions were good, with sunny skies, good visibility and a temperature of 66°F.

Contacts

Pertinent contacts during the site visit included the following:

Ron Sandy, DNR, Parkersburg Office, West Virginia

Pertinent Comments

Ron Sandy - City Ice has been an inactive site as long as Mr. Sandy can remember. There is no owner or landfill office to get in touch with. The old landfill office was located at Jeanette Street, which is near-by. The site was sold and now it consists of a parking lot and commercial buildings. There appears to be no leachate or runoff problem at the site.

Observations

- The site is about 1 to 2 acres in area.
- The site has been reclaimed and now consists of a parking lot and commercial buildings. See attached Photo Log.
- No erosion, leachate or runoff problem was observed.

Action Items

The problem should be relegated to one of low apparent seriousness. No further action is recommended.

SECTION IV

FACT SHEET

City Ice Landfill
Parkersburg, West Virginia
TDD NO. F3-8005-35
EPA NO. WV - 34

FACT	SOURCE
1. It is an inactive landfill which has been reclaimed and now consists of buildings and a parking lot.	1. Attached Field Trip Report.
The site is about 1 to 2 acres in area.	2. Attached Field Trip Report.
3. Alcohols, ethers, esters and other organic compounds were disposed of at the site by DuPont in Parkersburg, WV and Fayetteville Works in Fayetteville, NC	3. Eckhardt List.
4. State is not aware of any problem associated with this site.	4. Ron Sandy, DNR Parkersburg, WV
5. There appears to be no leachate or runoff problems at the site.	5. Attached Field Trip Report.

SECTION V

CITY ICE LANDFILL
PARKERSBURG, WEST VIRGINIA
TDD NO. F3-8005-35
EPA NO. WV - 34

Photographic Log

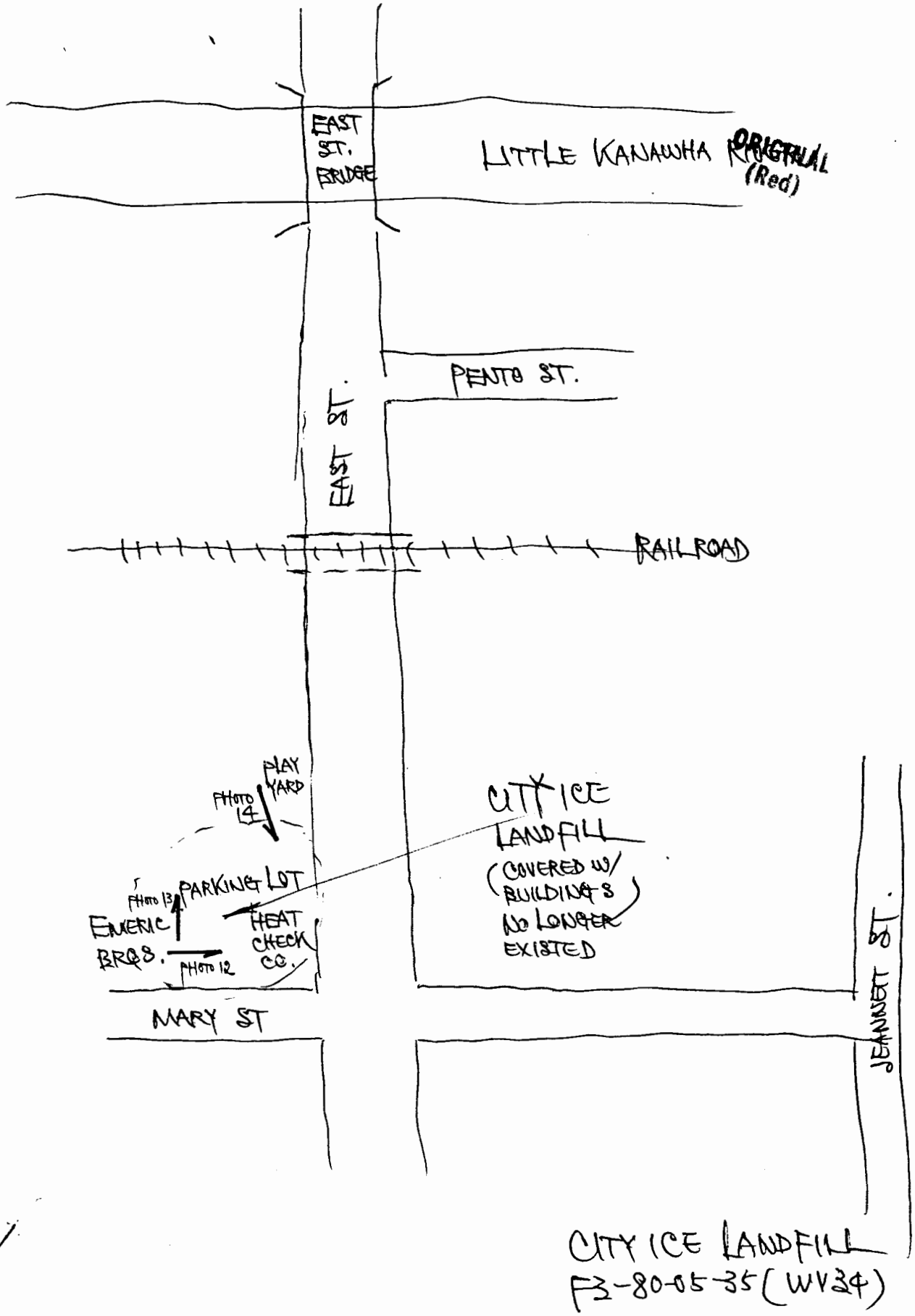
Photograph #12	A general view of City Ice Landfill.
Photograph #13	This inactive landfill is about 1 to 2 acres, and is now covered by a parking lot and commercial buildings.
Photograph #14	Looking westward to landfill, no leachate, no erosion, no runoff problem.

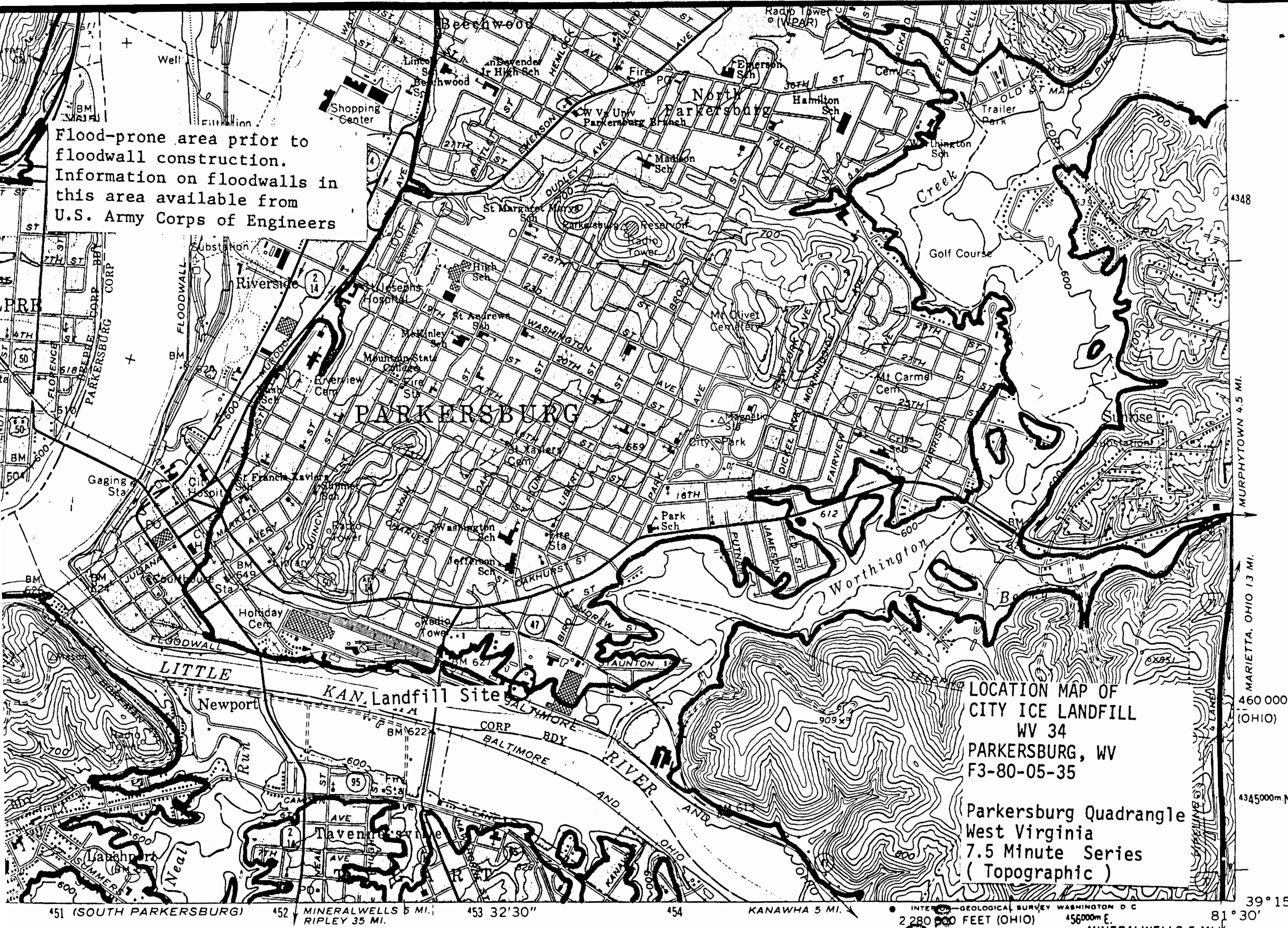
PHOTO 12

TDD F3-8605-35

PHOTO 13

PHOTO 14


EAST ST. BRIDGE
LITTLE KANAWHA RIVER
ORIGINAL (Red)
PENTO ST.
1ST ST.
RAIL ROAD
PLAY YARD
PHOTO 14
CITY ICE LANDFILL
(COVERED W/ BUILDINGS NO LONGER EXISTED)
PHOTO 13
PARKING LOT
ENERIC BROS.
PHOTO 12
HEAT CHECK CO.
MARY ST
JEANNETT ST.
N
CITY ICE LANDFILL
F3-80-05-35 (WV34)



SCALE 1:24 000

0 — 1 MILE

1000 2000 3000 4000 5000 6000 7000 FEET

0 — 1 KILOMETER

ORIGINAL (Red)

City Ice

EXPLANATION

Flood boundaries were estimated from:

SECTION VI

WORK SHEET FOR RATING DISPOSAL SITES
F3-8005-35

ORIGINAL (Blue)

Name of Site: City Ice Landfill — active / inactive — inactive & abandoned (CIRCLE ONE)
Location: Jeanette and East Streets
Owner/Operator: No owner - the site has been
Comments: developed and built.

Prepared By: Muhammad A. Slam On October 15, 19 80

FACTOR	OBSERVATION
RECEPTORS	
Population within 1000 feet	Yes
Distance to Nearest Drinking Water Well	About 3 to 5 miles
Distance to Nearest Off-Site Building	100 feet
Land Use/Zoning	Commercial
Critical Environment	None
Use of Site by Residents	Yes
Use of Nearest Buildings	Commercial
Presence of Public Water Supplies	Yes
Presence of Aquifer Recharge Area	---
Presence of Transportation Routes	Jeanette and East Streets
Presence of Important Natural Resources	None
Other	Site does not exist, it has been completely built
PATHWAYS	
Evidence of Contamination	None
Type of Contamination	---
Level of Contamination	---
Distance to Nearest Surface Water	150 feet
Depth to Ground Water	Not Known
Net Precipitation	8 inches
Soil Permeability	Moderate
Bedrock Permeability	Not Known
Depth to Bedrock	Not Known
Erosion and Runoff Problems	None
Susceptibility to Flooding	No
Slope Instability	No
Seismic Activity	No
Other	

WORK SHEET FOR RATING DISPOSAL SITES
F3-8005-35

FACTOR	OBSERVATION
WASTE CHARACTERISTICS	
Toxicity	High.3 according to Eckhardt listing, but no problem exists
Persistence	Low.1
Radioactivity	None.0
Ignitability	High.3
Reactivity	Medium.2
Corrosiveness	None.0
Solubility	High.3
Volatility	High.3
Physical State	Liquid
Infectiousness	None
Bioaccumulation Potential	None
Carcinogenicity, Teratogenicity and Mutagenicity	None
Other	Alcohols, ethers, elastomers
WASTE MANAGEMENT PRACTICES	
Site Security	None
Hazardous Waste Quantity	---
Total Waste Quantity	1700 tons
Waste Incompatibility	No
Use of Liners	No
Use of Leachate Collection Systems	No
Use of Gas Collection Systems	Not Applicable
Use and Condition of Containers	Not Applicable
Lack of Safety Measures	Yes
Evidence of Open Burning	No
Dangerous Heat Sources	No
Inadequate Waste Records	Yes
Inadequate Cover	No
Other	---

SIA # WV 34

CONTAMINATION POTENTIAL
(MANUAL FOR EVALUATING CONTAMINATION POTENTIAL OF SURFACE IMPOUNDMENTS)
TDD No. F3-8005-35

NAME/LOCATION City Ice Landfill - Parkersburg (New)

ADDRESS Jeanette St. 26101

NPDES# _____ SIC _____ LAT. 39°15'35" - LONG 81°32'30

THE CONTAMINATION POTENTIAL IS — LOW MODERATE HIGH VERY HIGH

NO. OF SITES _____ AGE _____ LINER _____ THICKNESS _____ AREA _____

UNSATURATED ZONE 9D-B WATER QUALITY 5B GROUNDWATER AVAILABILITY 5A-B

HAZARD OF CONTAMINANT 9B TOTAL GROUNDWATER CONTAMINATION POTENTIAL 2B

ENDANGERMENT TO CURRENT WATER SUPPLIES 8B-B MONITORING WELLS _____

FREQUENCY OF MONITORING _____ SIGNIFICANT CHANGES IN GROUNDWATER _____

ADVERSELY _____

REMARKS:

RSBURG CITY ICE. 825 JEANETTE ST 26101
SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1971 TO 1979. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS AND INORGANICS. METHODS OF DISPOSAL INCLUDE REPROCESSING AND/OR RECYCLING.

Reference: Geology and Economic Resources of "the Ohio River Valley in West Virginia", Volume XXII West Virginia Geological Survey (1956).

These sites are underlain by alluvial deposits of sand and gravel. The water table is near the surface and the saturated thickness is approximately 75 feet.

Groundwater flows in the direction of the Little Kanawha River. The water is generally of excellent quality.

There do not appear to be any water supply wells, surface impoundments, or injection wells in the immediate vicinity of any of the sites.

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ecology and environment, inc.
Philadelphia

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Date: November 3, 1980

SECTION VII

SOIL SURVEY

Wood and Wirt Counties West Virginia

Issued April 1970

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
In Cooperation with
WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION


ORIGINAL
(Red)
PARKERSBURG
Lincoln School
Parkersburg High School
Nash School
Jefferson School
Moore Cemetery
LITTLE KANAWHA RIVER
OHIO RIVER
BALTIMORE & OHIO
(Joins sheet 12)
UmD4
UmD3
MoB
0
½
1 Mile

of yellowish red (5YR 4/6) and few mottles of light brownish gray (10YR 6/2); brown (10YR 5/3) inside of peds; weak, medium and coarse, subangular blocky structure; firm; few roots; medium acid; gradual boundary; horizon 12 to 16 inches thick.

C—30 to 42 inches +, dark grayish-brown (10YR 4/2) fine silt loam; common, medium, distinct mottles of very pale brown (10YR 7/3) and yellowish red (5YR 5/6); dark brown (10YR 4/3) inside of peds; massive; firm; medium acid.

The B horizon is mainly silt loam to light silty clay loam. Depth to mottling ranges from 15 to 30 inches.

Lindside soils occur with the well-drained Ashton and Huntington soils and the poorly drained Melvin soils.

Lindside silt loam (ln).—This soil is suited to the crops commonly grown in the two counties including hay and pasture. If crops are grown, drainage is needed in some of the small, wet areas. Slopes range from 0 to 3 percent. (Capability unit IIw–7)

Made Land

Made land (Mo) consists of areas in which the soil material has been disturbed and changed by excavations, fills, gradings, or other earth-moving operations. Slopes range from nearly level to steep. The soil material is variable in texture, structure, and fertility. Because this land is so varied, examination is needed on the site to determine suitability for specific uses. Most areas are used for industrial, commercial, and residential sites. (Capability unit not assigned)

Markland Series

The Markland series consists of deep, moderately well drained soils on terraces. These soils developed in calcareous silt and clay deposited by slack water. They commonly occur near Pettyville and Mineralwells in Wood County and near Newark in Wirt County. Slopes range from 3 to 40 percent, but slopes of 3 to 10 percent are dominant.

In a typical profile the plow layer is dark grayish-brown silt loam about 9 inches thick. The subsoil is about 31 inches thick and is mottled with strong brown and light brownish gray between a depth of 14 to 40 inches. The subsoil is yellowish-brown, firm silty clay loam in the uppermost 10 inches, is dark yellowish-brown, firm silty clay in the middle part, and is dark-brown, very firm clay in the lower part. The underlying material is brown, very firm clay mottled with light brownish gray.

Markland soils are slowly permeable. They are saturated with water in winter and are slow to warm up in spring. These soils are cloddy if worked when wet.

These soils are better suited to hay and pasture than to cultivated crops. Deep-rooted legumes, however, do not last long. The moderately high water table and the slowly permeable subsoil restrict the use of these soils for septic tank filter fields.

Typical profile of Markland silt loam, 3 to 10 percent slopes, in Wood County, in a cornfield along State Route 47, three-fourths mile west of Kanawha:

Ap—0 to 9 inches, dark grayish-brown (10YR 4/2) silt loam; weak, fine, granular structure; friable; many fine roots; medium acid; abrupt, smooth boundary; horizon 5 to 9 inches thick.

B1—9 to 14 inches, yellowish-brown (10YR 5/6) silty cl loam; weak, fine and medium, subangular bloc structure; firm; many fine roots; strongly aci clear, wavy boundary; horizon 3 to 5 inches thi

B21t—14 to 19 inches, yellowish-brown (10YR 5/6) silty cl loam; light brownish gray (10YR 6/2) on su face of peds; few, fine, distinct mottles of stro brown (7.5YR 5/8); moderate, fine and mediu subangular blocky structure in which peds a arranged in prisms; firm; few fine roots; ve strongly acid; clear, wavy boundary; horizon 5 8 inches thick.

B22t—19 to 25 inches, dark yellowish-brown (10YR 4/ silty clay; light brownish gray (10YR 6/2) surface of peds; common to many, fine to mediu distinct mottles of strong brown (7.5YR 5/8); mo erate, medium, prismatic structure, breaking to mo erate, medium, subangular blocky structure; firm very few fine roots; strongly acid; gradual boun ary; horizon 6 to 9 inches thick.

B3—25 to 40 inches, dark-brown (7.5YR 4/4) clay; man medium, prominent mottles of light brownish gra (2.5Y 6/2); weak, medium and coarse, prismat structure, breaking to coarse, subangular bloc structure; very firm; very few fine roots; mediu acid; gradual boundary; horizon 6 to 15 inch thick.

C—40 to 60 inches, brown (10YR 5/3) clay; many, mediu distinct mottles of light brownish gray (2.5Y 6/2) massive, tending towards weak, coarse, prismat structure; very firm; concretions of calcium ca bonate common; neutral.

The texture of the Ap horizon is silty clay loam in sou places. Depth to mottling ranges from 14 to 20 inches. ar depth to the neutral soil material ranges from 2 to 5 fee

The Markland soils occur with the somewhat poor drained to poorly drained McGary soils, but they have bett internal drainage than those soils.

Markland silt loam, 3 to 10 percent slopes (MdB).—O this soil, the hazard of erosion is moderate in unprotecte areas. Mottling generally begins at a depth of 14 to 1 inches. This soil has the profile described as typic for the series.

Included with this soil in mapping were a few smal severely eroded areas and a few acres having slopes less than 3 percent.

Markland silt loam, 3 to 10 percent slopes, is suite to cultivated crops, hay, and pasture. Drainage may b needed in some small areas. (Capability unit IIe–14

Markland silt loam, 10 to 20 percent slopes (MdC).— This soil occurs mainly on outer edges of terraces an in areas above shallow drainageways. Mottling generall begins at a depth of 18 to 20 inches. Runoff is rapi and the hazard of erosion is severe in unprotected area

The slope, rapid runoff, and the hazard of erosion re strict the use of this soil for row crops. (Capability un IIIe–14)

Markland silt loam, 30 to 40 percent slopes (MdE).— This soil occurs on steep breaks, mainly as narrow band around areas of less sloping Markland and McGar soils. Runoff is very rapid, and the hazard of erosion very severe in unprotected areas.

Included with this soil in mapping were a few area that have slopes of more than 40 percent.

Because of the steepness and the hazard of erosion, thi soil is better suited to pasture and trees than to othe uses. (Capability unit VIe–1)

Markland silty clay loam, 10 to 20 percent slopes severely eroded (MeC3).—This severely eroded soil ha lost most of its original surface layer through erosion